

Appl. No. 10/619,698  
Response dated October 26, 2005  
Reply to Office Action of September 28, 2005

## REMARKS

Applicants acknowledge receipt of the Office Action dated September 28, 2005, in which the Examiner entered a Restriction Requirement for original Claims 1-28. The Restriction Groups were set out as follows:

*Group I.* Claims 1-18 and 28 drawn to a method for producing liquid hydrocarbons; and

*Group II.* Claims 19-27 drawn to a reactor system.

### Election without Traverse

With this Response, Applicants elect to prosecute the claims of Group I without traverse. In addition, Applicants have cancelled non-elected Claims 19-27 of Group II.

Applicants further amended Claims 1, 3, 6-8, 12-14, and 17-18. Claims 12-14 and 18 were amended to improve claim form and/or language or in some instances to provide antecedent basis. Amendments to Claim 1 are supported by at least paragraphs [0030] and [0031]. Amendments to Claim 3 are supported by at least paragraph [0021]. Amendments to Claims 6, 7 and 8 are supported by at least paragraphs [0038]. Amendments to Claim 17 are supported by at least paragraphs [0015] and [0038], Figures 3 and 4. All cited paragraph numbers originate from the specification as filed.

Furthermore, Applicants have cancelled elected independent Claim 28 and replace it with new independent Claim 32. Applicants have added new Claims 29-31 to depend from elected independent Claim 17 and Claims 33-38 to depend from new independent Claim 32 to cover additional embodiments of the elected invention to which Applicants are entitled.

No new matter was added by way of claim amendments and new claims.

### New claims:

All new Claims 29-38 are supported by the originally filed application.

For example, Claim 29 is supported by at least now-cancelled Claim 27 and paragraph [0047];

Claim 30 is supported by at least paragraph [0032];

Claims 31, 37 and 38 are supported by at least paragraph [0038];

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Claim 32 is supported by at least now-cancelled Claim 28 and paragraph [0015], [0032], [0038], [0054];

Claim 33 is supported by at least paragraph [0039];

Claim 34 is supported by at least paragraph [0030];

Claim 35 is supported by at least paragraph [0030];

Claim 36 is supported by at least paragraph [0039];

all cited paragraph numbers originating from the specification as filed.

**Status of the Claims**

Claims 1, 3, 6-8, 12-14, and 17-18 have been amended.

Claims 19-28 are now cancelled.

Claims 29-38 are new.

Claims 1-18 and 29-38 are now pending.

**Amendments to the Specification**

Paragraphs [0005] and [0008] were amended to correct typographical errors (arrow symbols) in the reaction formula (1) and (2).

Paragraphs [0020], [0021], [0038], [0042], and [0047]-[0050] were amended to correct superscript/subscript typographical errors such as from 'O2' to 'O<sub>2</sub>', 'H2' to 'H<sub>2</sub>', 'N2' to 'N<sub>2</sub>', 'CO2' to 'CO<sub>2</sub>', 'ft2' to 'ft<sup>2</sup>', and 'h-1' to 'h<sup>-1</sup>'.

Paragraph [0050] was further amended to correct a typographical error in labels for the catalytic device from '24' to '224', and for the barrier from '22' to '222'.

No new matter was added by way of amendment to these paragraphs [0005], [0008], [0020], [0021], [0038], [0042], and [0047]-[0050], all cited paragraph numbers originating from the specification as filed.

**Conclusion**

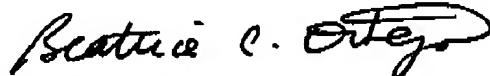
Applicants believe that they have fully responded to the Office Action and that the pending claims are allowable. If the Examiner has any questions or comments, or otherwise feels

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it would be advantageous, the Examiner is encouraged to telephone the undersigned at (281) 293-4751.

Should any fees have been inadvertently omitted, or if any additional fees are required or have been overpaid, or in the event that an extension of time is necessary in order for this submission to be considered timely filed, the Commissioner is authorized to please appropriately charge or credit those fees to Deposit Account Number 16-1575 of ConocoPhillips Company, Houston, Texas and consider this a petition for any necessary extension of time.

Respectfully submitted,



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AGENT FOR APPLICANTS